

217/782-2113

LIFETIME OPERATING PERMIT - NSPS SOURCES

PERMITTEE

Central Blacktop Company, Inc.  
Attn: Mr. Joseph E. Benson, Secretary  
6301 South East Avenue  
Hodgkins, Illinois 60525

Application No.: 88030076

I.D. No.: 089807AAL

Applicant's Designation:

Date Received: July 5, 2001

Subject: Asphalt and Crushing Plants

Date Issued: October 1, 2001

Operating Permit Expiration

Date: See Condition 1.

Location: 1900 North LaFox, South Elgin, Illinois 60177

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

Two Aggregate Crushing Plants  
One Gas-Fired, Drum-Mix Asphalt Plant with Baghouse  
Three 30,000 Gallon Liquid Asphalt Storage Tanks

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This operating permit shall expire 180 days after the Illinois EPA sends a written request for the renewal of this permit.
- b. This permit shall terminate if it is withdrawn or is superseded by a revised permit.
2. These two crushing plants are subject to New Source Performance Standards (NSPS), 40 CFR 60, Subparts A and OOO. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
3. At all times the Permittee shall also, to the extent practicable, maintain and operate these sources, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.
4. Fugitive emissions of particulate matter from grinding mills, screens (except from truck dumping), bucket elevators, belt conveyors, bagging operations, storage bins, and enclosed truck or railcar loading operations shall not exceed 10 percent opacity, (40 CFR 60.672(b) and (d)).

5. Fugitive emissions of particulate matter from the crushers (except from truck dumping), shall not exceed 15 percent opacity, (40 CFR 60.672(c) and (d)).
- 6a. Within 180 days after the issue date of this permit, the opacity from the affected facilities shall be measured during conditions which are representative of the maximum performance. The Illinois EPA may provide additional time for the performance of this testing upon request from the Permittee which shows that it is not feasible to perform representative testing within 180 days.
  - b. i. The following methods and procedures shall be used for opacity measurements.  
  
USEPA Method 9, 40 CFR 60 Appendix A
  - ii. A test shall consist of 30 sets of 24 consecutive observations.
  - c. Opacity measurements shall be performed by a certified observer.
  - d. The Illinois EPA shall be notified prior to these measurements to enable the Illinois EPA to observe these measurements. Notification of the expected date of the measurements shall be submitted to a minimum of thirty (30) days prior to the expected date. Notification of the actual date and expected time of measurement shall be submitted a minimum of five (5) working days prior to the actual date of the measurement. The Illinois EPA may, at its discretion, accept notification with shorter advance notice provided that the Illinois EPA will not accept such notifications if it interferes with the Illinois EPA's ability to observe the measurements.
- 7a. Emissions and operation of the two crushing plants shall not exceed the following limits:

Aggregate Throughput		Equipment	Emission Factor (Lb/Ton)	Emissions	
(Ton/Mo)	(Ton/Yr)			(Ton/Mo)	(Ton/Yr)
50,000	250,000	1 Primary Crusher	0.0007	0.02	0.09
		1 Secondary Crusher	0.00124	0.03	0.16
		2 Screens	0.0018	0.09	0.45
		2 Conveyors	0.0001	<u>0.01</u>	<u>0.05</u>
		Totals		0.15	0.75

These limits are based on the maximum aggregate throughput and standard, controlled AP-42 emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

- b. Emissions and operation of the asphalt plant shall not exceed the following limits:

	Asphalt Production			
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>		
	76,000	380,000		
<u>Pollutant</u>	<u>Emission Factor</u> <u>(Lb/Ton)</u>	<u>Emissions</u>		
		<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>	
Particulate Matter	0.033	1.3	6.3	
Carbon Monoxide	0.130	5.0	24.7	
Nitrogen Oxides	0.026	1.0	5.0	
Volatile Organic Material	0.032	1.3	6.1	
Sulfur Dioxide	0.0034	0.2	0.7	

These limits are based on maximum asphalt production and standard AP-42 emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

- c. This permit is issued based on negligible emissions of volatile organic materials from the three 30,000 gallon asphalt storage tanks. For this purpose emissions from each emission source, shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr.
8. The Permittee shall maintain monthly records of the following items:
- Aggregate throughput (tons/month and tons/year); and
  - Asphalt production (tons/month and tons/year).
9. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the source except when the wind speed is in excess of 25 miles per hour, pursuant to 35 Ill. Adm. Code 212.301 and 212.314.
10. The Permittee shall maintain an operating and maintenance log for the dryer control system, including:
- Incidents of malfunction, with date, duration, description, probable cause, and corrective actions, and
  - Maintenance activities, with date and description of inspections, repair actions, and equipment replacements, etc.
- This log shall be available for inspection and copying by the Illinois EPA.
- 11a. This Permit will expire on the day operation ceases at this location, and all emission units are moved to a new location.

- b. The transportation and reassembly of a portable plant at a new location requires a new construction and operating permit pursuant to 35 Ill. Adm. Code 201.142 and 201.143. This permit must be obtained prior to reassembling the plant at the new location.
  - c. The Illinois EPA is to be notified, in writing, within five (5) days of any relocation of the moveable processing equipment, covered by this permit, to another permitted location.
- 12. In the event that the operation of this source results in an odor nuisance the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
  - 13. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
  - 14. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
  - 15. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
9511 West Harrison  
Des Plaines, Illinois 60016

- 16. Persons with lifetime operating permits must obtain a revised permit for any of the following changes at the source:

- a. An increase in emissions above the amount the emission unit or the source is permitted to emit;
- b. A modification;
- c. A change in operations that will result in the source's noncompliance with conditions in the existing permit; or
- d. A change in ownership, company name, or address, so that the application or existing permit is not longer accurate.

It should be noted that the asphalt tank heaters and the 1,000 gallon anti-strip additive, two 2,500 gallon diesel, and one 6,000 gallon asphalt storage tanks are exempt from state permit requirements, pursuant to 35 Ill. Adm. Code 201.146 (d) and (n), respectively.

If you have any questions on this, please call Jim Kallmeyer at 217/782-2113.

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

DES:JDK:psj

cc: Illinois EPA, FOS Region 1  
Lotus Notes